

ABSTRACT OF THE DISCLOSURE

A projection-type display device includes: a light source 21; a spatial light modulation element 25 which modulates incident light according to an applied image signal and emits the modulated light; an illumination optical system 23 which condenses light from the light source 21 and illuminates the spatial light modulation element 25; a projection lens 27 which projects the light emitted from the spatial light modulation element 25; shielding unit 1, positioned along the path of light on the side of either the illumination optical system 23 or the projection lens 27 with respect to the spatial light modulation element 25, and which can change the amount of shielding of transmitted light; and image signal correction units 3, 4, 5, and 6 which divide the picture plane of the spatial light modulation element 25 into a plurality of areas, and perform correction on the image signal applied to the spatial light modulation element 25 according to the current shielding amount of the shielding unit 1 for each of the plurality of areas. Accordingly, appropriate uniformity correction is performed even when there is a change in the angular distribution of light emitted from the spatial light modulation element and reaching the screen.